

Claims

WE CLAIM:

1. A method for obtaining measurements for constructing corrective orthotics using at least one flatbed scanner and one computer, the method comprising:
 - (a) taking at least one scan of a patient's foot, the patient standing normally with at least one foot on the at least one flatbed scanner; and
 - (b) using measurements, observation, and color differences from the scan and computer to obtain the measurements necessary for constructing corrective footwear.
2. The method of claim 1 including constructing corrective orthotics by forming one or more pieces of material into a corrective arch support, orthotic, shoe or sandal while employing said measurements to accommodate the arch support to the foot from which the scan was made.
3. The method of claim 1 wherein said measurements are made by using a mechanical device, electronic device, and/or calculations based on color variations.
4. An apparatus for obtaining measurements for constructing corrective orthotics comprising:
 - (a) at least one flatbed scanner;
 - (b) a computer operatively attached to the scanner; and
 - (c) software operatively attached to the computer for said computer for organizing scanned foot data for making measurements and observations of the scanned foot data.